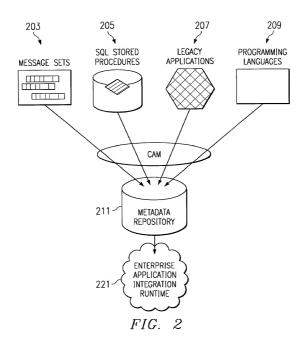
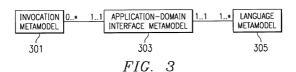
SVL920010035US1 Shyh-Mei F. Ho, et al. COBOL METAMODEL 1/13 WINDOWS 2000 129 BAAN ON HP/UX 131,135 DB2, DL/1 on S/390 123,125,127 MS/390 SAP ON AIX 115,117 CICS/390 ORACLE, DB2,... 109,111,113 Net.Commerce NETSCAPE SUN SOLARIS FIG. 1 107 5 NETSCAPE IE







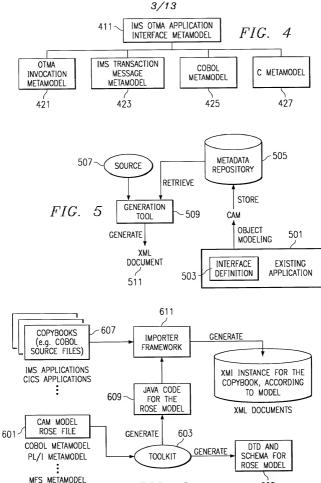
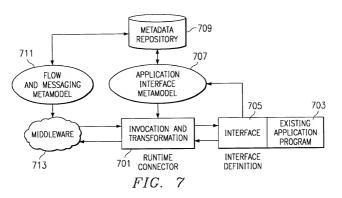


FIG. 6

BMS METAMODEL

605



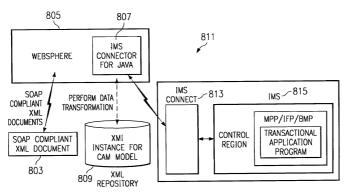
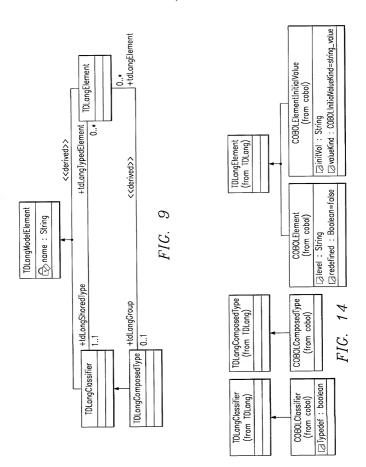
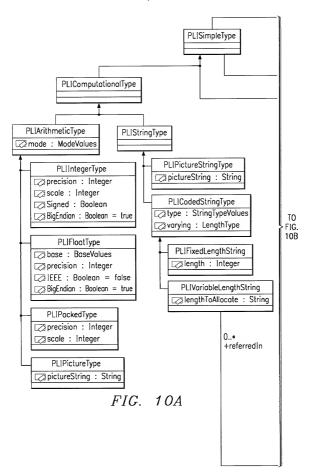
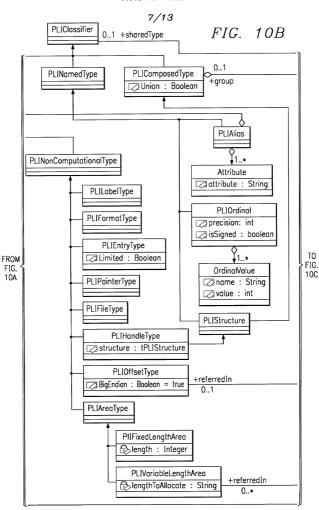


FIG. 8



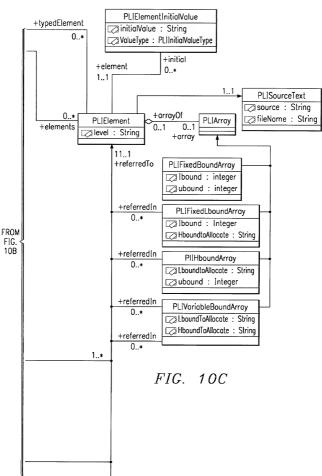
FORESZO, MYSSENSON



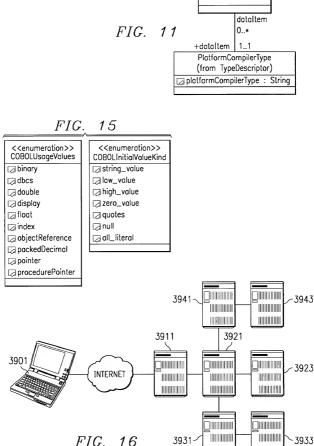


SVL920010035US1

Shyh-Mei F. Ho, et al. COBOL METAMODEL



Shyh-Mei F. Ho, et al. COBOL METAMODEL 9/13 TDLangElement (from TDLang) dataitem FIG. 11 0..* +dataItem PlatformCompilerType (from TypeDescriptor) platformCompilerType : String <<enumeration>> COBOLInitialValueKind ☑ string_value □ law_value high_value zero_value
zero_value □ quotes □ null □ all_literal 3941 -3943 3911 3921 70000000 - 3923 INTERNET



SVL920010035US1

Shyh-Mei F. Ho, et al. COBOL METAMODEL

_	_						_							
< <enumeration>> bitModePad</enumeration>	☑ mode16	□ mode24	☐ mode31	□3 mode32	□ mode64	□ mode 128								
< <enumeration>> packedDecimalSign</enumeration>	Z MVS	☑ MVSCustom	DANT_0S2_AIX											
< <enumeration>> accessor</enumeration>	ReadOnly	☑ WriteOnly	△ ReadWrite	☑ NoAccess										
< <enumeration>> floatType</enumeration>	☐ Unspecified	☐ IEEEextendedIntel	[2] IEEEextendedAIX	☐ IEEEextended0S390	☐ IEEEextendedAS400	☐ IEEEnonextended	☐ IBM390Hex	☐ IBM400Hex			i i	FIG. 12		
< <enumeration>> lengthEncoding</enumeration>	☐ fixedLength	□ lengthPrefixed	a null Terminated											
< <enumeration>> signCoding</enumeration>	☑ twosComplement	🛭 onesComplement	a signMagnitude	⊠ zoneSigns	□ packedSigns	🛭 unsignedBinary	□ unsignedDecimol		< <enumeration>> addrUnit</enumeration>	⊠bit	□ byte	⊠ word	doubleWord	

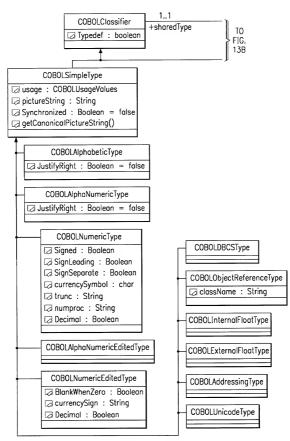
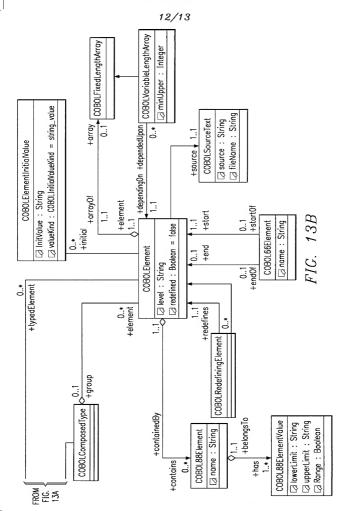


FIG. 13A



TOPOLOGO STREAMER

